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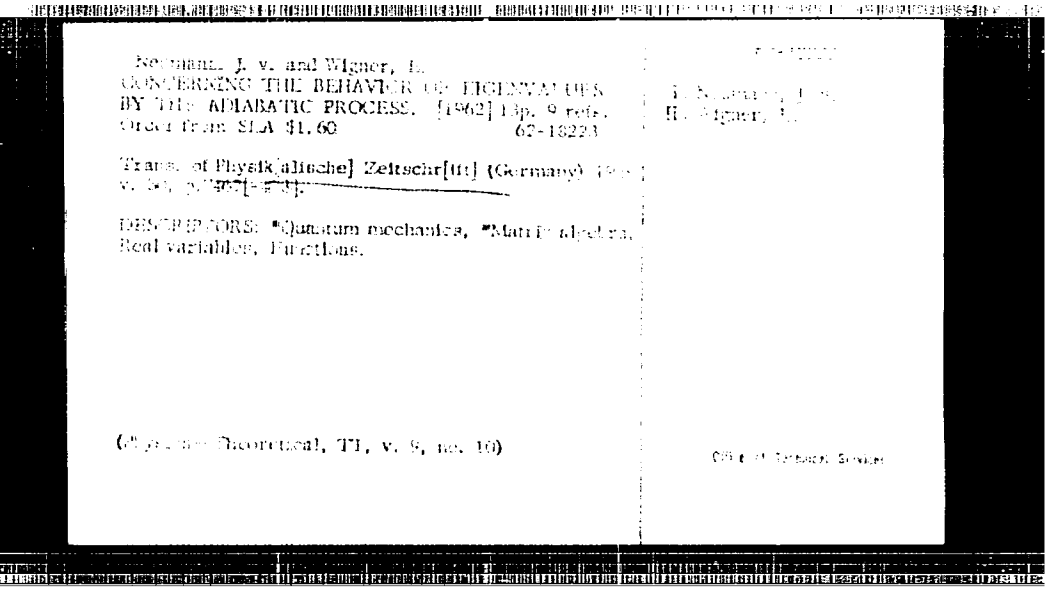

Neumann, J. v. and Wigner, E.
CONCERNING THE BEHAVIOR OF EIGENVALUES
BY THE ADIABATIC PROCESS. [1962] 13p. 9 refs.
Order from SLA $1.60 62-18223

[Trans. of Physikalische] Zeitschr[ift] (Germany) [illegible]
v. 30, p. 467[-470].

DESCRIPTORS: *Quantum mechanics, *Matrix algebra, Real variables, Functions.

(Physics-Theoretical, TI, v. 9, no. 10)

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AEC-11823

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AEC NP Tr-437

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AEC- ORNL-Tr-707

Sci-Math
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Summarizing Reports. X-Ray Dispersion, by E. Nahring, 29 pp.
GERMAN, per, Phy. Zeitschrift, Vol 31, No 9, 1930, pp 401-418.
ARM/FSIC/Tr-885-68
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by P. Debye.
GERMAN, per, Physikalische Z, Vol XXXI, 1930,
pp 419-428. 9230582
UCRL Tr 1268(L)

Sci - NS
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GERMAN, per, Physik Z, Vol XXXI, 15 Sep 1930, pp 824-835, 857-868.

SLA 57-2068

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ARC TEMPERATURE. [1962] [8]p. (figs. omitted) 10 refs.
Order from: SLA $1.10 62-18303

Trans. of Physik[alische] Zeitschrift (Germany) 1931, v. 32, p. 517-520.

DESCRIPTORS: *Electric arcs, *High temperature research, Gas discharges, Atomic spectroscopy.

(Physics--Theoretical, TT, v. 9, no. 6)

62-18303

I. Ornstein, L. S.

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APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210037-0

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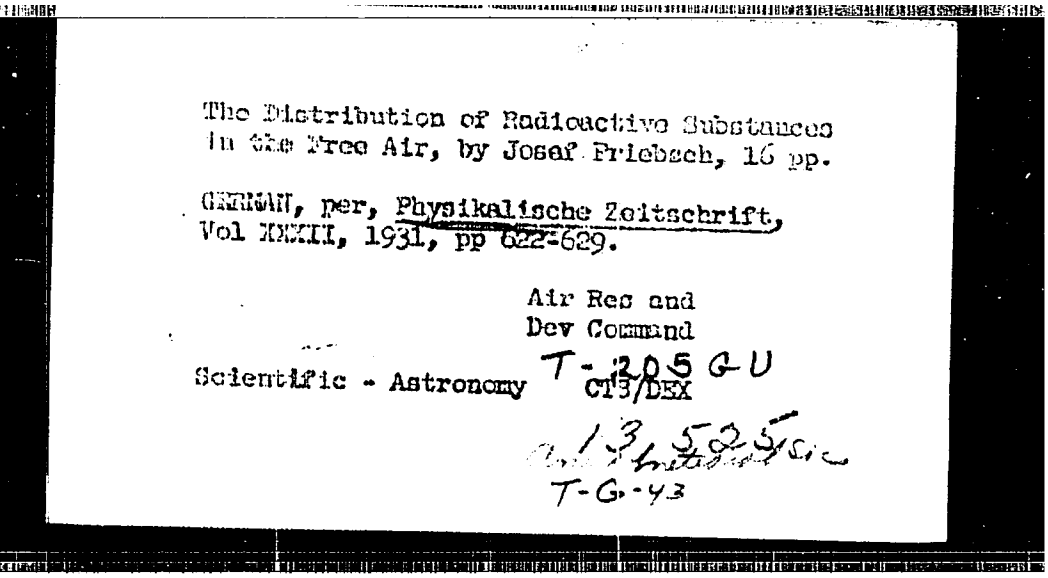

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In the Free Air, by Josef Priebsch, 16 pp.

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AEC SC-T-65-717

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NTC-71-12495-07D
AEC-tr-7-65-721 20pp

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On the Gas Concentration of Electron Rays, by W. Ende, 9 pp.

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Sci - Physics 52,261

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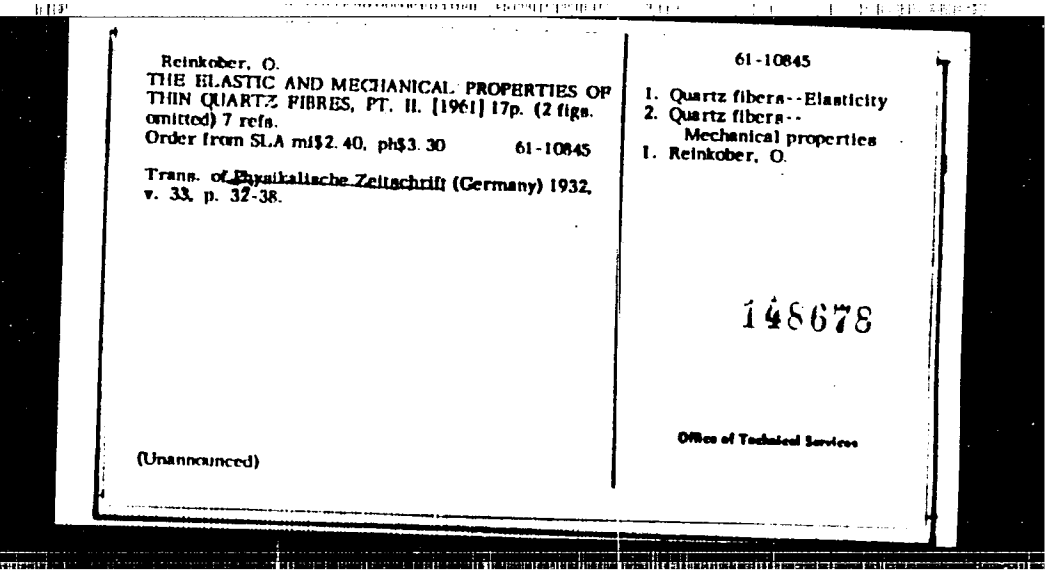

Reinkober, O.
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Order from SLA mi$2.40, ph$3.30 61-10845

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(Unannounced)

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1. Quartz fibers--Elasticity
2. Quartz fibers--Mechanical properties
I. Reinkober, O.

148678

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Influence of Air Moisture Content and Temperature Upon the Nature of the Discharge in Electrostatic Filters, by S. P. Zebrowski,9pp GERMAN, per, Physikalische Zeitschrift, /Vol 33, 1932, pp 727-729
SIA TT-64-16247

Sci- Phy
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Stimulation of X-Radiation by Canal-Ray Impacts,
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GERMAN, per, Physikalische Zeitschrift, Vol XXXIV,
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AEC-UCRL-Tr-1056(L)

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63-18147

Pupp, W.
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Order from SLA $1.60 63-18147

Trans. of Physik[alische] Zeitschrift (Germany) 1933, v. 34, p. 756-761.

DESCRIPTORS: *Gas discharges, *Argon, *Mercury, Vapors, *Discharge tubes, *Plasma oscillations, Gas ionization, Ion sources, *Anodes.

(Physics--Electronics, TT, v. 10, no. 11)

1, Pupp, W.

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The Phase-Contrast Method in Microscopic Observation, by F. Zernike.
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Vol 16, No 1, 1935, pp 454-457.
*Dept of Navy API/JHU J-1249

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OSCILLOGRAPH PROBE MEASUREMENTS ON MOVING LAYERS IN THE POSITIVE COLUMN OF RARE GASES. [1963] 12p. 3 refs.
Order from SLA $1.60 63-14458

Trans. of Physik[alische] Zeitsch[rift] (Germany) 1935 v. 36, p. 61-66.

DESCRIPTORS: *Plasma physics, *Gas discharges, *Glow discharges, Electric fields, Measurement, Oscillographs, *Probes (Electromagnetic), Design, *Discharge tubes, Low pressure research, *Helium group gases, Argon.

(Physics--Electronics, TT, v. 10, no. 7)

63-14458

1. Pupp, W.

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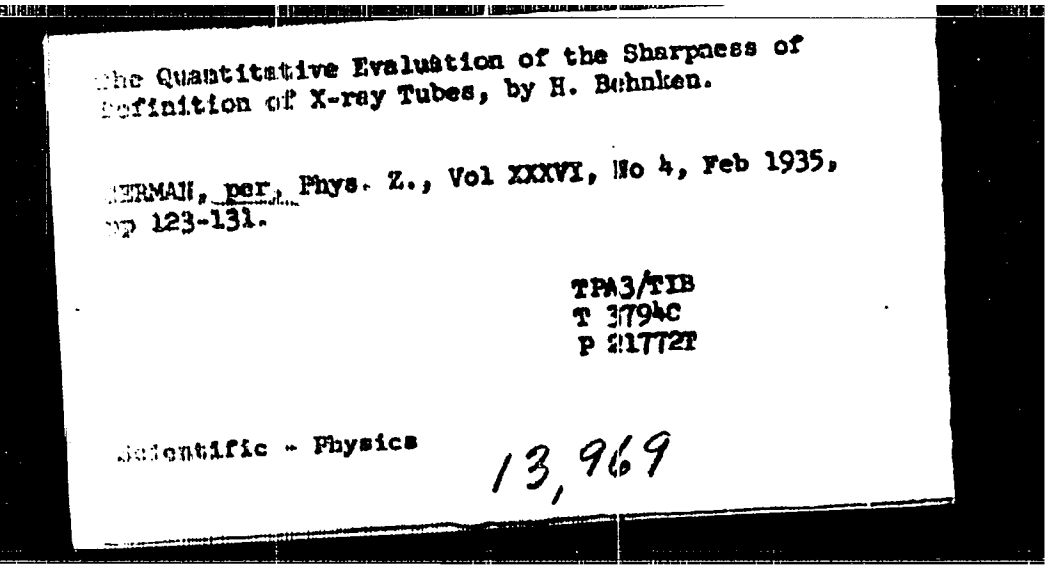

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Practical Applications of the Diffraction of Light on Supersonic Waves, by S. J. Sokoloff, 4 p.

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X Ray Laue Diagram on Crystals in Piezo-Electric Vibration, by F. Klauer.

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Calculation of the Maximum Volume of Vapor Bubbles, by Walter Fritz, 11 pp.
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ARM/RSIC/Tr-884-68
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Critical Phase Energy Systems of Pure Electroneutral Phases, by H. Hohn, E. Lange, 62 pp.

GERMAN, per, Physik Z, Vol XXXVI, 1935, pp 603-624.

AEC Tr 2945

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R-9881-D

Agency: Army/Redstone
MIPR No. 7716010D-99-7008

8 Nov. 68

Title: ON THE EVAPORATION PROCESS ACCORDING TO MOVING PICTURE FILMING OF VAPOR BUBBLES.
Author: Fritz, W. and Ende, W.
Source: Physikalische Zeitschrift, 37, 391 - 401 (1936)

Language: German

Special Instructions: Please translate.
Edited draft only.

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Modulation of Light ~~mf~~ by Means of a Vibrating Quartz Crystal, by H. E. R. Becker, W. Hanle, O. Maercks, 5 pp.

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S.L.A. Tr 57-330

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Measurement of the True Specific Heat of Silver, Nickel, B-Brass, Quartz, and Quartz Glass Between 50 and 700° C by and Improved Method, by Helmut Moser, 47 p.
GERMAN, per, Physikalische Zeitschrift, Vol XXXVII, 1936, pp 737-753. 9700281
AFCRL C-T-G-65-9

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May 66 297,763

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Fritz, W. and Homann, F.
THE TEMPERATURE DISTRIBUTION IN BOILING WATER (Über die Temperaturverteilung im Siedenden Wasser). [1962] [10]p. 7 refs.
Order from SLA $1.10 62-14476

Trans. of Physikalische Zeitschrift (Germany) 1936, v. 37 [no. 24] p. 873-[878].

DESCRIPTORS: Water, Boiling, Temperature, Distribution, Thermodynames, Heat transfer.

(Unannounced)

62-14476

I. Fritz, W.
II. Homann, F.

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Sound Absorption in Solid Bodies, by L. Landau, G. Rumer, 10 pp. GERMAN, per, Physikalische Zeitschrift der Sowjetunion, Vol XI, No 18-25, 1937. 9218848

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E-T-G-63-24

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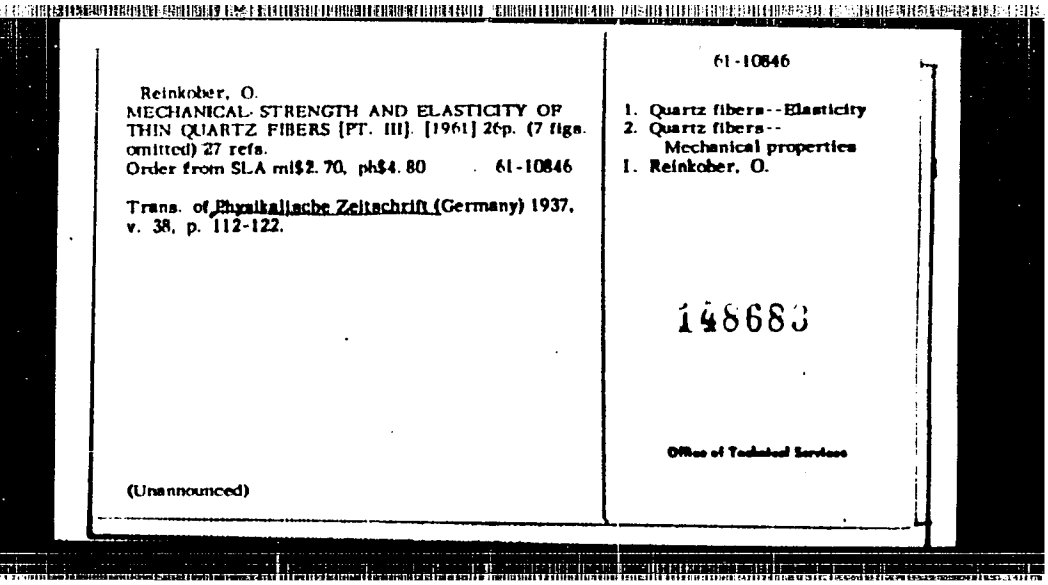

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MECHANICAL STRENGTH AND ELASTICITY OF THIN QUARTZ FIBERS [PT. III]. [1961] 26p. (7 figs. omitted) 27 refs.
Order from SLA mi$2.70, ph$4.80 61-10846

Trans. of Physikalische Zeitschrift (Germany) 1937, v. 38, p. 112-122.

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61-10846

1. Quartz fibers--Elasticity
2. Quartz fibers--Mechanical properties
I. Reinkober, O.

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Change of the saturation Magnetization Through Unilateral Pressure, by H. Ebert, A. Russell, Gerlach, per, Physikalische Zeitschrift, Vol 38, 1937, pp 457-445. PB11099466
NLC 3C-T-66-0744

(2006) -68-3241-Gen. - MIT/LIN LAB
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Sci/Physics
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Cosmic Rays, by W. Bothe, 5 pp.

GERMAN, per, Phys Z., Vol XXXVIII, 1937, pp 961-965.

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Sci - Nuclear Physics

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Change of Resistance of Aluminum Single Crystals in Strong Magnetic Fields at Low Temperatures, by E. Justi, E. Scheffers,

GERMAN, per, Physik Z, Vol XXXIX, 1938, pp 105-109.

AEC UCRL-Tr-502(L)

Sci - Phys

May 50

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Pre-dissociation in the CO Spectrum at 8.83 Volts, by R. Schmid, L. Gero, 7 pp.

GERMAN, per., Physikalische Z., Vol XXXIX, No 11, 1938, pp 460-462. CIA D 151004

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Scientific - Geophysics Mar 55 CTS/DEX

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Development and Advances of the Problem of the Determination of the Size and Charge of Single Particles, by F. Ehrenhaft, 44 pp.

GERMAN, per, Physik Z, Vol XXXIX, 1938, pp 673-687.

SLA Tr 57-884

Sci - Electridty, Physics 52,369

Sep 57

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The Evaporation Process Observed by Slow-Motion Filming of Vapor Bubbles, by W. Fritz, W. Ende, 22 pp.
GERMAN, per. Phy. Zeit., Vol 37, 1936, pp 391-401.
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Kühl, A.
THE TWILIGHT PERFORMANCE OF TELESCOPES.
7p 3refs.
Order from SLA $1.10 TT-61-14272

Trans. of Physikalische Z[eit]schrift (Germany) 1936, v. 37, no. 22/23, p. 912-914.

(Biological Sciences--Physiology, TT, v. 12, no. 5)

TT-61-14272

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Influence of the Molecule Form on Dielectric Relaxation, by A. Budo.

GERMAN, par, Phys Z., Vol XL, 1939, pp 337-345.

IRDOC-T1368

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Concerning The Plastic-Elastic State, by K.Bennewitz and H. Rotger 8 pp. UNCLASSIFIED

GERMAN, DEX. Physik Z, Vol XL, 1939, pp 416-428.

AEC Tr 1831

Scientific - Physics April 54 CTS/DEX

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A Simple Arrangement for Neutron Generation, by
C. Weiss, H. Westmeyer, 12 pp.

GERMAN, per, Physik Z, Vol XL, 1939,
pp 461-466.

AEC UCRL-Trans-586(L)

Sci - Phys
13 Mar 61

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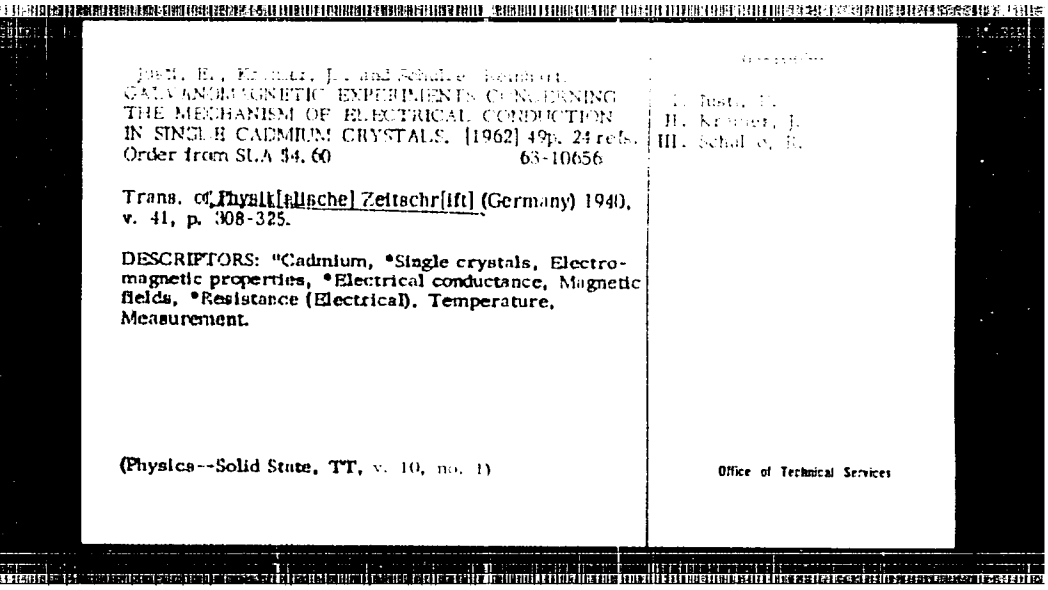

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(Physics--Solid State, TT, v. 10, no. 1)

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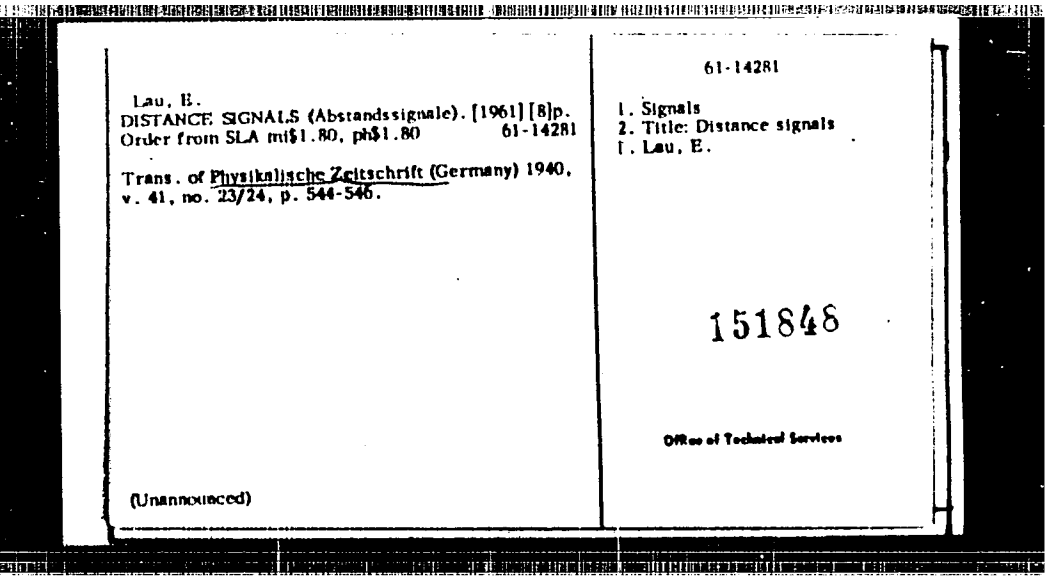

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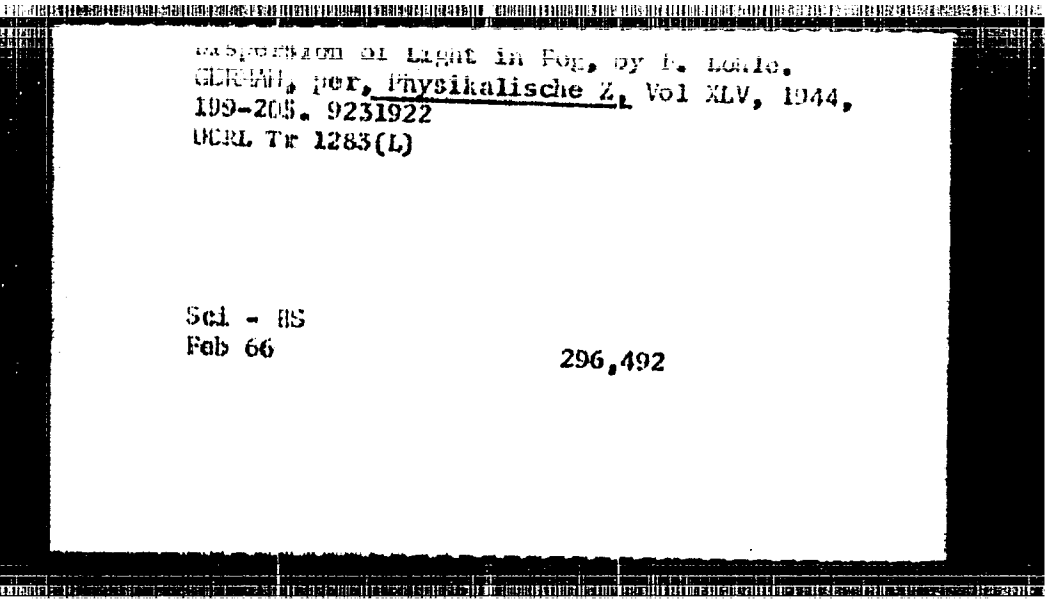

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Order from SLA $1.60 62-18902

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DESCRIPTORS: *Charcoal, *Gases, *Adsorption, Heat of activation.

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(Chemistry--Physical, TT, v. 9, no. 8) (over)

62-18902

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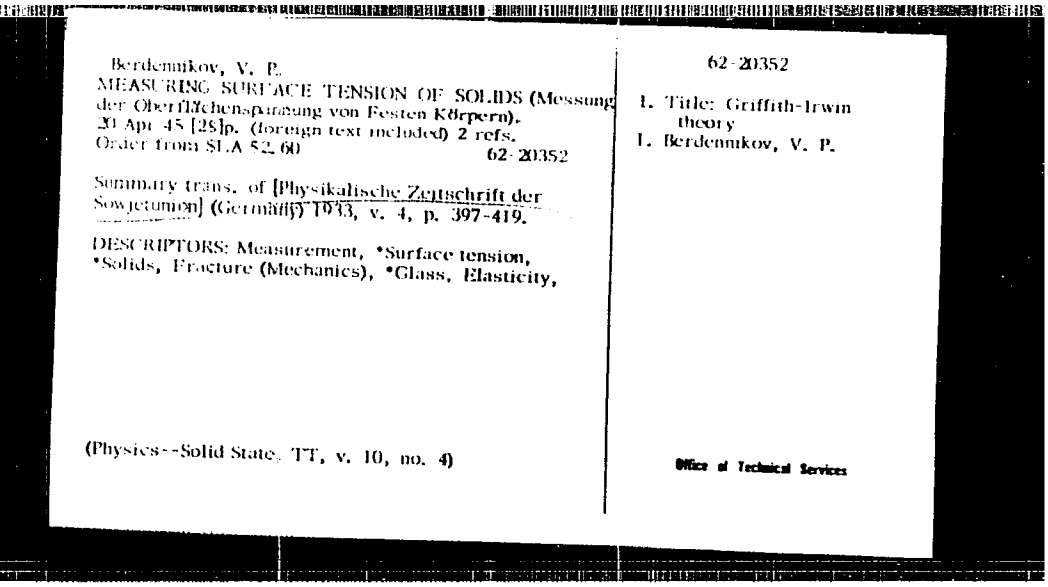

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DESCRIPTORS: Measurement, *Surface tension, *Solids, Fracture (Mechanics), *Glass, Elasticity,

(Physics--Solid State, TT, v. 10, no. 4)

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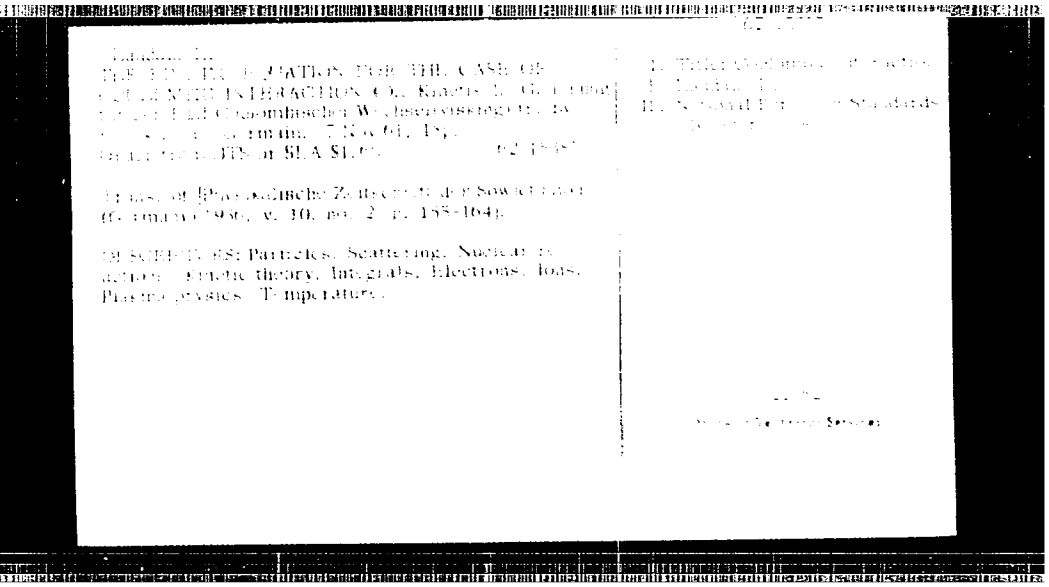

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Agency: AEC/NY
P.O.No. 69-2546

R-10403-9
19 May 69

Title: Das Radioaktivitatskilma in Mineral-gruben Ost-Bayerns

Author: R. Reiter and K. Potzl

Source: Physikalish-Bioklimatischen Forschungsstelle Garmisch-Partenkirchen der FRAUNHOFER-GESELLSCHAFT 43 pp

Language: German

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